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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/056,362	01/25/2002	Antonius Hendricus Maria Holtslag	NL 010165	8037

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS
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EXAMINER

CUNNINGHAM, GREGORY F

ART UNIT PAPER NUMBER

2676

DATE MAILED: 08/22/2003

H

Please find below and/or attached an Office communication concerning this application or proceeding.

B

Office Action Summary

Application No.

10/056,362

Applicant(s)

HOLTSLAG ET AL. 

Examiner

Greg Cunningham

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☒ Claim(s) 1 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 January 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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DETAILED ACTION

1. This action is responsive to communications of application filed 1/25/2002.
2. The disposition of the claims is as follows: claims 1-14 are pending in the application.
Claims 1 and 11-13 are independent claims.
3. The group and/or Art Unit location of your application has changed. To aid in the correlation of any papers for this application, all further correspondence should be directed to Group Art Unit 2676 (effective 8/03). Please be sure to use the most current art unit number on all correspondence to help us route your case and respond to you in a timely fashion.

Drawings

✓ 4. The drawings are objected to because they fail to show necessary textual labels of features or symbols in Figs. 6 as described in the specification. For example, placing a label, "window open?", with element 1 of Fig. 6 or "moving" with element 4 of Fig. 6 would give the viewer necessary detail to fully understand this element without substantial analysis and interpretation of the specification. A *descriptive* textual label for *each numbered element* in these figures would be needed. Any structural detail that is of sufficient importance to be described should be shown in the drawing. Optionally, applicant may wish to include a table next to each figure to fulfill this requirement. Correction is required. See 37 CFR 1.83. 37 CFR 1.84(n)(o) is recited below:

"(n) Symbols. Graphical drawing symbols may be used for conventional elements when appropriate. The elements for which such symbols and labeled representations are used must be adequately identified in the specification. Known devices should be illustrated by symbols which have a universally recognized conventional meaning and are generally accepted in the art. Other symbols which are not universally recognized may be used, subject to approval by the Office, if they are not likely to be confused with existing conventional symbols, and if they are readily identifiable.

(o) Legends. Suitable descriptive legends may be used, or may be required by the Examiner, where necessary for understanding of the drawing, subject to approval by the Office. They should contain as few words as possible."

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Specification

- ✓ 5. The abstract of the disclosure is objected to because a reference to (Fig. 2) is given and left dangling. Correction is required. See MPEP § 608.01(b).
- ✓ 6. The disclosure is objected to because of the following informalities: On p. 12, ln. 19 “nits should most likely be “units”.

Appropriate correction is required.

Claim Objections

- ✓ 7. Claims 1 is objected to because of the following informalities: Claim 1 is punctuated to the extent that individual claim elements merge with one another and the uniqueness of invention “enhancement” appears as part of sub-element (iii). Subparts (i) to (iii) are logically connected via “or”. Since “enhancement” is part of sub-element (iii), it does not stand alone as an individual element. Better use of comas, semicolons and colons is recommended. Appropriate correction is required.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

9. Claims 1-14 are rejected under 35 U.S.C. 102(a) as being disclosed by Fishman et al.,

PGPUB-DOCUMENT-NUMBER: 20020064764, hereafter Fishman.

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A. Claim 1, “A system comprising: a display information-generating device (PC) for generating display information (DI), a display apparatus (MON) having a display screen (DS) for displaying the display information (DI), detection means (DE1; DE2; DE3); PRO for detecting whether at least one of the following criteria is fulfilled in a part (1, 2, 3) of the display information (DI) corresponding to an area on the display screen (DS): (i) an application is one of a group of applications indicating that non-synthetic information is displayed, in which the application is not a picture viewer, or (ii) an extension of a file is one of a group of extensions indicating that non-synthetic information is displayed, or (iii) moving information is displayed, and enhancement means (EM1; EM2; EM3) for enhancing the part (1, 2, 3) of the display information if at least one of the criteria (i), (ii), (iii) is true” is disclosed in para. [0071].

Wherein “multimedia analysis system 100 to facilitate collection and use of data” and “video signals to be received” corresponds to “detection means ... for detecting whether ... on the display screen”.

B. Claim 2, “The system as claimed in claim 1, wherein the display information-generating device comprises a computer (PC), the detection means (DE1; DE2; PRO) being part of the computer (PC) and comprising a suitably programmed microprocessor (PRO) for detecting whether an application is started on the computer (PC), and for determining whether the application started is one of the group of applications, and/or whether the extension of the file associated with the application is one of the group of extensions, and/or whether moving information is displayed” is disclosed, supra for claim 1, and furthermore in para. [0028] and [0040].

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C. Claim 3, “The system as claimed in claim 2, wherein the part (1, 2, 3) of the display information is an active window, and the detection means (DE1; DE2; D3) are suitably programmed to detect whether a window is opened to determine the application associated with the opened window and/or the file extension of the file being displayed in the window from information linked to the window“ is disclosed, supra for claim 2, and furthermore in para. [0032], [0041], [0051], [0060] and [0068].

D. Claim 4, “The system as claimed in claim 1, wherein the detection means (DE1) comprise: a memory (MEM) for storing the part or a portion of the part (1, 2, 3) of the display information (DI) as first data (D1) at a first instant, and means (COM1, COM4) for comparing the first data (D1) with second data corresponding to the part or a portion of the part of the display information at a second, later, instant, to indicate whether a difference (DIF) between the stored display information (D1) and the corresponding display information at the second instant exceeds a limit value (LV)“ is disclosed, supra for claim 1, and furthermore in para. [0008], [0009], [0014], [0037], [0040] to [0042], and [0060]. Wherein test comparisons and/or test conditions correspond to limit value (LV).

E. Claim 5, “The system as claimed in claim 1, wherein the detection means (DE2) comprises: a memory (MEM) for storing the part or a portion of the part (1, 2, 3) of the display information (DI) as first data (D1) at a first instant, a comparator (COM1) for comparing the first data (D1) with second data corresponding to the part or a portion of the part of the display information at a second, later, instant, to obtain difference values (DIF), means (ABS) for determining absolute values (ADIF) of the difference values (DIF), summing means (SUM) for summing the absolute values (ADIF) of the difference values of corresponding data words of the

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first and the second data to obtain a sum (SDIF), and a further comparator (COM2) for comparing the sum (SDIF) with a limit value (LV)“ is disclosed, supra for claim 1, and furthermore in para. [0008], [0009], [0014], [0037], [0040] to [0042], [0060] and [0071] to [0072]. Wherein peak corresponds to “means for determining absolute values, time exposure corresponds to summing means, and “creating graphs or other charts of the data sets” corresponds to “comparing the sum with a limit value”.

F. Claim 6, “The system as claimed in claim 4, wherein the memory is the video memory of the video adapter (GA) of a computer (PC)“ is disclosed, supra for claim 4, and furthermore in [0071].

G. Claim 7, “The system as claimed in claim 4, wherein the detection means (DE1); DE2; D3) comprise a suitably programmed microprocessor (PRO)“ is disclosed, supra for claim 4.

H. Claim 8, “The system as claimed in claim 1, wherein the information-generating device (PC) comprises means (PRO) for supplying coordinates (CO) defining the area (1, 2, 3) to the display apparatus (MON), the display apparatus (MON) comprises the detection means (DE3) which comprise: an integrator (INT) for determining an intensity value (DIN) of a line or a sum of lines in the area (1, 2, 3), a sample-and-hold means (SH) for storing the determined intensity value (DIN) at a first instant, and a comparator (COM3) for comparing the stored intensity value (SDIN) with a further intensity value of a line or a sum of lines in the area at a later instant to supply the control signal (CI3), indicating whether a difference between the stored intensity value (DIN) and the further intensity value exceeds a limit value (LV)“ is disclosed, supra for claim 1, and furthermore in para. [0013], [0041], [0045], [0046], [0049], [0058]. Wherein “x, y,

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z position” corresponds to ”supplying coordinates”. Wherein sample-and-hold is inherently a part of any analog to digital (A/D) converter.

I. Claim 9, “The system as claimed in claim 1, wherein the detection means (DE1; DE2; DE3) are adapted to supply the control signal (CI1; CI2; CI3) to automatically activate the enhancing by the enhancement means (EM1; EM2; EM3) if the detection means (DE1; DE2; DE3) detects in the part (1, 2, 3) of the display information (DI) that at least one of the criteria (i), (ii), (iii) is true“ is disclosed, supra for claim 1. Wherein “processed by computer system 130” corresponds to “automatically activate the enhancing”.

J. Claim 10, “The system as claimed in claim 9, wherein the system further comprises input means (IM) for receiving user input (UI) to supply user information (UC1, UC2) indicating whether the part (1, 2, 3) of the display information (DI) should be enhanced or not, and a control means (CON) receiving the control signal (CI1) from the detection means (DE1) and the user information (UC1, UC2) to supply an adapted control signal (CI1') to activate or deactivate the enhancing in correspondence with the user input, independent of the automatic detection by the detection means (DE1)“ is disclosed, supra for claim 9, and furthermore in para. [0040] and [0075]. Wherein “keyboard, mouse, stylus, and/or other suitable device” corresponds to “user input”.

K. Per independent claim 11, “A method of displaying display information (DI) on a display screen (DS), the method comprising: detecting (DE1; DE2; DE3) whether at least one of the following criteria is fulfilled in a part (1, 2, 3) of the display information (DI) corresponding to an area on the display screen (DS): (i) an application is one of a group of applications indicating that non-synthetic information is displayed, in which the application is not a picture viewer, or

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(ii) an extension of a file is one of a group of extensions indicating that non-synthetic information is displayed, or (iii) moving information is displayed, and enhancing (EM1; EM2; EM3) the part (1, 2, 3) of the display information if at least one of the criteria (i), (ii), (iii) is true“, this is directed to a method for the system of independent claim 1, and therefore is rejected to independent claim 1.

L. Per independent claim 12, ”A computer (PC) supplying display information (EDI) for use in a display apparatus (MON) with a display screen (DS), the computer (PC) comprising: detection means (DE1; DE2; D3) for detecting whether at least one of the following criteria is fulfilled in a part (1, 2, 3) of the display information (DI) corresponding to an area on the display screen (DS): (i) an application is one of a group of applications indicating that non-synthetic information is displayed, in which the application is not a picture viewer, or (ii) an extension of a file is one of a group of extensions indicating that non-synthetic information is displayed, or (iii) moving information is displayed and means for only providing coordinates (CO) for use in the display apparatus (MON) if at least one of the above criteria (i) to (iii) is true, the coordinates (CO) defining the area“, this is directed to a computer for the system of independent claim 1 and dependent claim 8, and therefore is rejected to independent claim 1 and dependent claim 8.

M. Per independent claim 13, ”A display apparatus (MON) for displaying display information (DI) on a display screen (DS), the display apparatus comprising detection means (DE3) for deciding whether a part (1, 2, 3) of the display information corresponding to an area on the display screen (DS) has to be enhanced, the detection means (DE3) comprising: an integrator (INT) for determining an intensity value (DIN) of a line or a sum of lines in the area (1, 2, 3), sample-and-hold means (SH) for storing the determined intensity value (DIN) at a first

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instant, and a comparator (COM3) for comparing the stored intensity value (SDIN) with a further intensity value of a line or a sum of lines in the area at a later instant to supply the control signal (CI3), indicating whether a difference between the stored intensity value (DIN) and the further intensity value exceeds a limit value (LV)", this is directed to an apparatus for the system of independent claim 1 and dependent claim 8, and therefore is rejected to independent claim 1 and dependent claim 8.

M. Per dependent claim 14,"A display apparatus as claimed in 13, wherein the display apparatus (MON) comprises means (DEC) for receiving information (CO) defining the position of the area", this is directed to an apparatus for the system of dependent claim 8, and therefore is rejected to dependent claim 8.

Citation of Pertinent Prior Art

10. The prior art made of record in IDS and not relied upon is considered pertinent to applicant's disclosure:

PHN 17.784, U. S. Patent Application No. 09/602,243 filed 6/23/2000, now Patent No. 6,606,100, issued 8/12/2003, class 345/132, titled "DEVICE FOR INDICATING THE POSITION OF A WINDOW IN A DISPLAY AND FOR ENCHANING AN IMAGE IN THE WINDOW".

Responses

11. Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires to fax a response, (703) 308-9051 may be used for formal communications or (703) 308-6606 for informal or draft communications.

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Please label "PROPOSED" or "DRAFT" for informal facsimile communications. Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Inquiries

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Greg Cunningham whose telephone number is (703) 308-6109.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Bella, can be reached on (703) 308-6829.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

G. F. Cunningham

gfc

August 14, 2003

Matthew C. Bella

**MATTHEW C. BELLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600**